

LOW BANDWIDTH IMAGE SYSTEM

ABSTRACT

The audio and video information is formatted for right and left stereo tracks of the CD-DA with the bit map video information being stored on one audio channel and the PCM audio being stored on the other stereo channel. The two channels are interleaved and recorded to the CD-DA in a manner similar to CD-DAs that have only audio information recorded thereon. In the preferred embodiment, a CD-DA disc of generally smaller diameter is utilized with the portable reproducing device such that a device of smaller size is realized. The portable reproducing device includes a housing with a display, one or more outputs for communicating audio information to an external device, such as a speaker, a pivoting cover providing access to a loaded CD-DA, and means control the operation of the portable reproducing device. In operation, the portable reproducing device is operable to read the time-synchronized interleaved audio and video information recorded on the CD-DA, and process a signal representative thereof in an information processor. The processor extracts the audio and video information from the interleaved stereo audio channels and provides an audio signal and video signal to respective audio and video interfaces for reproduction by a speaker and a display.

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